

**Notice of Allowability**

Application No.

10/040,759

Applicant(s)

KWON, HYUCK JIN

Examiner

Khawar Iqbal

Art Unit

2617

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10-30-07.
2. ☒ The allowed claim(s) is/are 1-4,10,13,15-18,20,41-43,45 and 46.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 10-30-07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
GEORGE ENG  
SUPERVISORY PATENT EXAMINER

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. David C. Oren on 01-10-07.

The application has been amended as follows:

Claims 23-27,29-30 are canceled.

1. (Currently Amended) A method of providing a position-matched information service, comprising:

searching a database of information for content corresponding to a particular business, a particular building or a particular public place of a current location of a mobile terminal determined by location tracking when information content is requested from the mobile terminal; and

transmitting the searched content to the mobile terminal, the transmitted content including conversation multimedia relevant to the particular business, the particular building or the particular public place of the current location of the mobile terminal,

wherein the location tracking comprises:

receiving an inherent number given to a base transceiver station controlling the mobile terminal and a tracking location of the mobile terminal, the tracking location being carried out on a continuous basis from a network;

matching the received inherent number of the base transceiver station with a previously stored electronic map of a service area of the base transceiver station; and

determining the particular business, the particular building or the particular public place coinciding with the tracking location of the mobile terminal on the electronic map as a site of the mobile terminal, and wherein transmitting the searched content to the mobile terminal includes:

transmitting a menu to the mobile terminal, the menu providing a list of a plurality of situations corresponding to the determined particular business, the determined particular building or the determined particular public place;

displaying the menu and the list of the plurality of situations on the mobile terminal; and

transmitting, when a specific one of the situations is selected from the displayed menu and the displayed list of the plurality of situations on the mobile terminal, at least one conversation multimedia phrase to the mobile terminal, the at least one conversation multimedia phrase corresponding to the selected specific one of the situations from the displayed menu and the displayed list, wherein the conversation multimedia phrases include a plurality of first situation multimedia data for ordering meals, a plurality of second situation multimedia data for dining at the restaurant, and a plurality of third situation multimedia data for paying a bill at the restaurant, and wherein

Art Unit: 2617

one of the first, second, and third situation multimedia data selected from the mobile terminal is transmitted to the mobile terminal.

10. (Currently Amended) A method of providing a position-matched information service, comprising:

tracking a location of a specific mobile terminal;

registering a final location of the mobile terminal;

searching a specific multimedia data stored in a memory that corresponds to the registered final location when the mobile terminal requests a multimedia service at the registered final location; and

transmitting the multimedia data to the mobile terminal, the transmitted multimedia data including a plurality of English conversation multimedia phrases relating to a plurality of conversations at one of a business or a building corresponding to the registered final location of the tracked specific mobile terminal, wherein the plurality of English conversation multimedia phrases transmitted to the mobile terminal comprise a plurality of phrases to be used at the one of the business or the building corresponding to the registered final location of the tracked specific mobile terminal,

wherein tracking the location comprises:

receiving an inherent number given to a base transceiver station controlling the mobile terminal and a tracking location of the mobile terminal, the tracking location being carried out on a continuous basis from a network;

matching the received inherent number of the base transceiver station with a previously stored electronic map of a service area of the base transceiver station; and

determining the one of the business or the building coinciding with the tracking location of the mobile terminal on the electronic map as the site of the mobile terminal, wherein the English conversation multimedia phrases include a plurality of first situation multimedia data for ordering meals, a plurality of second situation multimedia data for dining at the restaurant, and a plurality of third situation multimedia data for paying a bill at the restaurant, and wherein one of the first, second, and third situation multimedia data selected from the mobile terminal is transmitted to the mobile terminal.

18. (Currently Amended) A method of providing a position-matched English conversation service, comprising:

storing a plurality of English language conversational phrases as multimedia data corresponding to a plurality of situations of a plurality of specific locations;

determining a specific location of a mobile terminal in accordance with a location tracking procedure when an English conversation service is requested from the mobile terminal;

determining which one of the plurality of specific locations corresponds to the specific location of the mobile terminal;

storing an electronic map of a service area for each base transceiver station servicing the mobile terminal; and

transmitting a plurality of English language conversation multimedia phrases to the mobile terminal, the plurality of English language conversation multimedia phrases including a plurality of conversations relevant to the specific location of the mobile terminal,

Art Unit: 2617

wherein the location tracking procedure comprises:

receiving an inherent number given to a base transceiver station controlling the mobile terminal and a tracking location of the mobile terminal through carrying out on a continuous basis from a network;

matching the received inherent number of the base transceiver station with a corresponding previously stored electronic map of the service area of the base transceiver station; and

determining the specific location coinciding with the tracking location of the mobile terminal on the electronic map as the site of the mobile terminal, wherein transmitting the plurality of English language conversation multimedia phrases to the mobile terminal comprises:

transmitting a menu and a list to the mobile terminal and displaying the list, the displayed list of the plurality of situations corresponding to the determined specific location, and

transmitting to the mobile terminal, when a specific one of the situations is selected from the displayed list on the mobile terminal, the English language conversation multimedia phrase corresponding to the selected specific one of the situations from the displayed list on the mobile terminal, wherein the related English conversation multimedia phrases include a plurality of first situation multimedia data for ordering meals, a plurality of second situation multimedia data for dining at the restaurant, and a plurality of third situation multimedia data for paying a bill at the

restaurant, and wherein one of the first, second, and third situation multimedia data selected from the mobile terminal is transmitted to the mobile terminal.

***Allowable Subject Matter***

2. Claims 1-4,10,13,15-18,20,41-43 and 45-46 are allowed.

The following is an examiner's statement of reasons for allowance: Claims 1-4,10,13,15-18,20,41-43 and 45-46 are allowed, regarding claims 1-4,10,13,15-18,20,41-43 and 45-46 the most relevant prior art of record Behr et al (20060052090) teaches a method of providing a position-matched information service, comprising: searching a database of information for content corresponding to a particular business, a particular building or a particular public place of a current location of a mobile terminal determined by location tracking when information content is requested by the mobile terminal; and transmitting the searched content to the mobile terminal, the transmitted content including conversation multimedia relevant to the particular business, the particular building or the particular public place of the current location of the mobile terminal, wherein the location tracking comprises: receiving an inherent number given to a base transceiver station controlling the mobile terminal and a tracking location of the mobile terminals through the tracking location being carried out on a continuous basis from a network; matching the received inherent number of the base transceiver station with a previously stored electronic map of a service area of the base transceiver station; and determining the particular business, the particular building or the particular public place coinciding with the tracking location of the mobile terminal on the electronic map as a site of the mobile terminal, and wherein transmitting the searched content includes:

Art Unit: 2617

transmitting a menu listing a plurality of situations corresponding to the determined particular business, the determined particular building or the determined particular public place; displaying the menu listing the plurality of situations on the mobile terminal; and transmitting, at least one conversation multimedia phrase. Behr et al teaches the system has a base unit (12) exchanging data messages with remote units (14) to provide multiple information services. The base unit includes a database representing geographic information and a database updater. Route guidance services provide route guidance information to a remote unit, and surroundings explorer services provide information to the remote unit for identifying points of interest. A language query requests a list of available languages for display of information at the mobile unit or specifies the language such as English in which the routing information is to be displayed at the remote unit. The query message 120 further includes a subscriber identifier field 130. The information provided in this field may be used for billing and audit information. The query message 120 further includes a message identifier field 132. The characters in this field are used to tag response messages transmitted from the base unit 12 to the requesting mobile unit. Bloebaum et al (20020080063) teaches matching the received inherent number of the base transceiver station and the tracking location of the mobile terminal with an electronic map of the base transceiver station wherein the electronic map is previously retained and configured to store electronic maps for respective service areas of the at least one BS according to an inherent number assigned to the at least one BS and to store content information corresponding to the respective service areas. Hatano et al (20030088637) the transmitted content



Art Unit: 2617

including conversation multimedia relevant to the particular business, the particular building or the particular public place of the current of the mobile terminal. The transmitted content including conversation multimedia relevant to the particular business, the particular building or the particular public place of the current of the mobile terminal. Ludwig (6256498) teaches a mobile communication system, at least one base station configured to communicate with at least one mobile terminal; a base station controller coupled to control the at least one base station; a mobile switching center coupled to the an inter-gateway coupled to the MSC and configured to allocate an IP address and a modem resource for an information call to the least one mobile terminal; a location server coupled to the MSC and configured to determine current tracking information of the least one mobile terminal and temporarily store the tracking information, and a service server coupled to the location server and the IG, and provide the content to the at least one mobile terminal in accordance with the current tracking information of the at least one mobile terminal. Claims 1-4,10,13,15-18,20,41-43 and 45-46 are allowable over the prior art of record since the cited references taken individually or in combination (with combination of other limitations) fails to teach wherein the conversation multimedia phrases include a plurality of first situation multimedia data for ordering meals, a plurality of second situation multimedia data for dining at the restaurant, and a plurality of third situation multimedia data for paying a bill at the restaurant, and wherein one of the first, second, and third situation multimedia data selected from the mobile terminal is transmitted to the mobile terminal.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khawar Iqbal whose telephone number is 571-272-7909.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, GEORGE ENG can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

*Khawar Iqbal*

  
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